Imidazolonepropionase (hutI) Yersinia Pestis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Imidazolonepropionase (hutI), Recombinant Protein
Full Product Name	Recombinant Yersinia pestis Imidazolonepropionase (hutI)
Product Gene Name	hutI recombinant protein
Sequence	MVSVTHCDSL WFGADIITMR GGNYQLIPQG AIAVTGDKIV WIGPHAELPP IHAARQVVYE GGLITPGLID CHTHLVFGDD RSNEFEQRLN GVSYAEIAAN GGGIISTVRA TRQASEQQLL EQALFRLKPL LAEGVTTIEI KSGYGLNLES EIKMLRVARR LGELLPIDVK TTCLAAHALP PEFIGQPDDY IDVVCNSIIP QVAVENLADA VDAFCEHLAF SPAQVERVFL AAQKAGLPVK LHAEQLSALR GATLAAKFHA ISADHLEYAT ESDVQAMANA GTVAVLLPGA YYLLRETQCP PIDLFRQYKV PMALASDANP GTSPVLSLRL MLNMACTLFR MTPEEALAGV TCHAAQALGV QQTQGTLETG KLANWVHWPL SHPAELAYWL GGQLPATVVF RGEVRP
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	43,821 Da
Sequence Positions	1-406, Full length
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for A4TJT7
Species	Yersinia pestis (strain Pestoides F)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for hutI recombinant protein	MBS1237815 is a recombinant protein targeting hutI. Also known as Recombinant Yersinia pestis Imidazolonepropionase (hutI). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of hutI recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for hutI. It may not necessarily be applicable to this product.

NCBI GI #	488140073
NCBI Accession #	WP_002211281.1
UniProt Primary Accession #	A4TJT7
GenBank Nucleotide #	WP_002211281.1
NCBI Official Full Name	imidazolonepropionase

UniProt Protein Name	Imidazolonepropionase
UniProt Synonym Protein Names	Imidazolone-5-propionate hydrolase
Protein Family	Imidazolonepropionase
UniProt Gene Name	hutI
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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